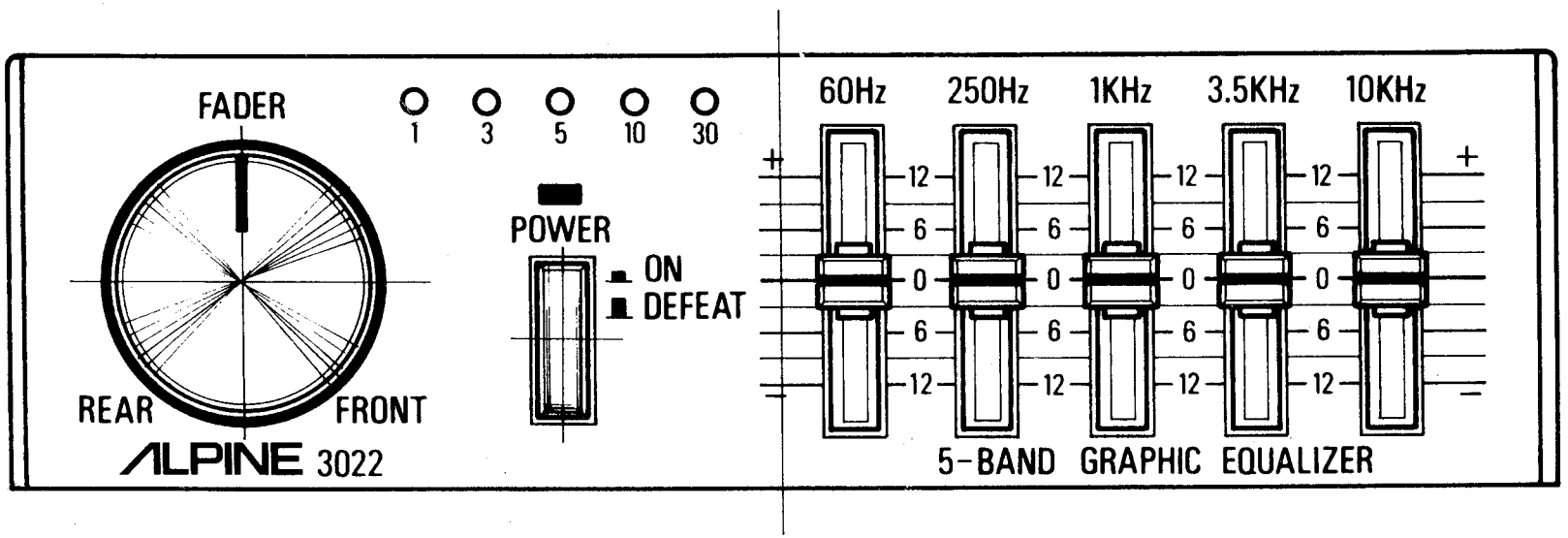
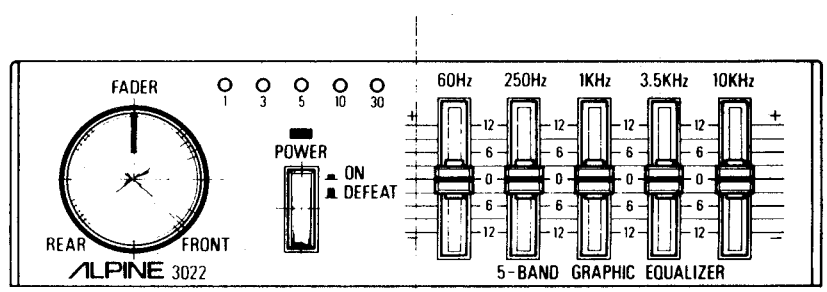
OWNER'S MANUAL



GRAPHIC EQUALIZER

3022

ALPINE


FADER
1
3
5
10
30
REAR
FRONT
POWER
ON
DEFEAT
60Hz
250Hz
1KHz
3.5KHz
10KHz
+
12
6
0
6
12
−
ALPINE 3022
5-BAND GRAPHIC EQUALIZER

CONTROLS & INDICATORS
BEDIENUNGSELEMENTE UND ANZEIGEN
COMMANDES ET TEMOINS
MANDOS & INDICACIONES

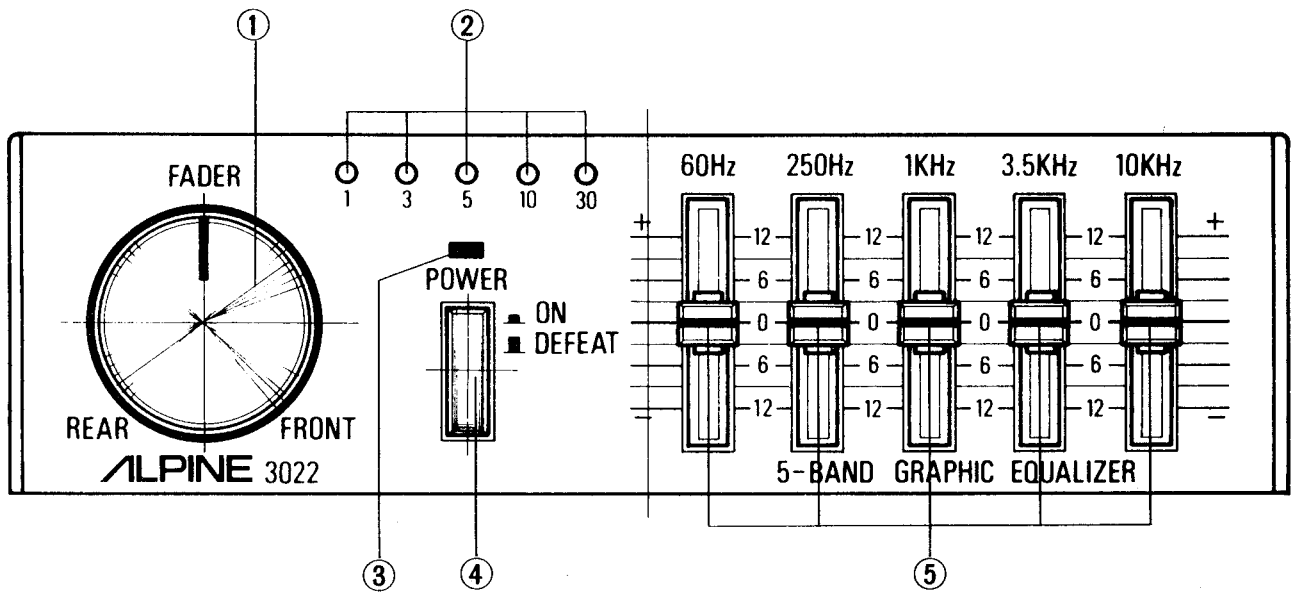


Fig. 1
Abb. 1

English

(1) FADER Control
Controls the volume distribution to the front and rear speakers.
FRONT — The volume centers on the front speakers.
REAR — The volume centers on the rear speakers.
(2) LED POWER LEVEL Indicators
(3) POWER Indicator
(4) POWER ON/DEFEAT Switch
(5) EQUALIZER Controls
Control to emphasize or to attenuate the frequency band over 5 positions.
"+": Emphasis, "0": Neutral, "−": Attenuation

Français

(1) Réglage d'attenuateur (FADER)
Permet de régler la répartition du volume des haut-parleurs avant et arrière.
FRONT — Le volume est accentué aux haut-parleurs avant.
REAR — Le volume est accentué aux haut-parleurs arrière.
(2) Indicateurs de niveau de puissance a diodes
(3) Indicateur d'alimentation (POWER)
(4) Commutateur d'alimentation/arrêt (POWER ON/DEFEAT)
(5) Réglages d'egaliseur (Equalizer)
Sert à accentuer ou á atténuer la bande de fréquence sur 5 positions.
(+): Accentuation, "0": Neutre, "−": Atténuation

Deutsch

(1) Überblendregler
Damit wird der Lautstärkeanteil zwischen Front- und Rükklautsprechern geregelt.
Vorne (FRONT) — Die Lautstärke wird auf die Frontlautsprecher konzentriert.
Hinten (REAR) — Die Lautstärke wird auf die Rücklautsprecher konzentriert.
(2) LED-Anzeige für Leistungspegel
(3) Leistungsanzeige
(4) Strom-Ein/Aus-Schalter
(5) Frequenzkorrekturfilter
Zum Anheben bzw. Dämpfen des Frequenzbereichs über fünf Positionen.
"+": Anheben, "0": Neutral, "−" Dämpfen

Español

(1) Control atenuador (FADER)
Controla la distribución sonora de los altavoces delanteros y posteriores.
FRONT (delanteros) — El volumen se centra en los altavoces delanteros.
REAR (posteriores) — El volumen se centra en los altavoces posteriores.
(2) Indicadores LED del nivel de potencia (POWER LEVEL)
(3) Indicador de alimentación (POWER)
(4) Interruptor de la alimentación (POWER ON/DEFEAT)
(5) Controles del ecualizador (EQUALIZER)
Son para acentuar o atenuar las frecuencias en 5 posiciones. "+": acentuación, "0": neutro, "−": atenuación

FEATURES

Your new Alpine 3022 is a powerful 20W×2 (total 40W) power amplifier with 5-band graphic equalizer and BTL. This unit is designed to amplify the power output of your car radio, tape player, or other signal sources and give you complete control of the audio spectrum for a superior auto sound system.
For many years of optimum performance and listening enjoyment, please familiarize yourself with all controls and operating procedures.

- **20W×2, 5-BAND GRAPHIC EQUALIZER**

- **LED POWER LEVEL Indicators**

Five in all. That light up in sequence to indicate exactly how much power is being put out.

- **POWER ON/DEFEAT SWITCH**

- **SLIDE CONTROL DETENT MID-RANGE**

Detent at mid-range is a "click" at the center of the slide control. This click allows you to easily reset slide controls to flat frequency response position.

- **FADER Control**

Adjust volume distribution to the rear and front speakers.

INSTALLATION

- **Under-Dash Installation**

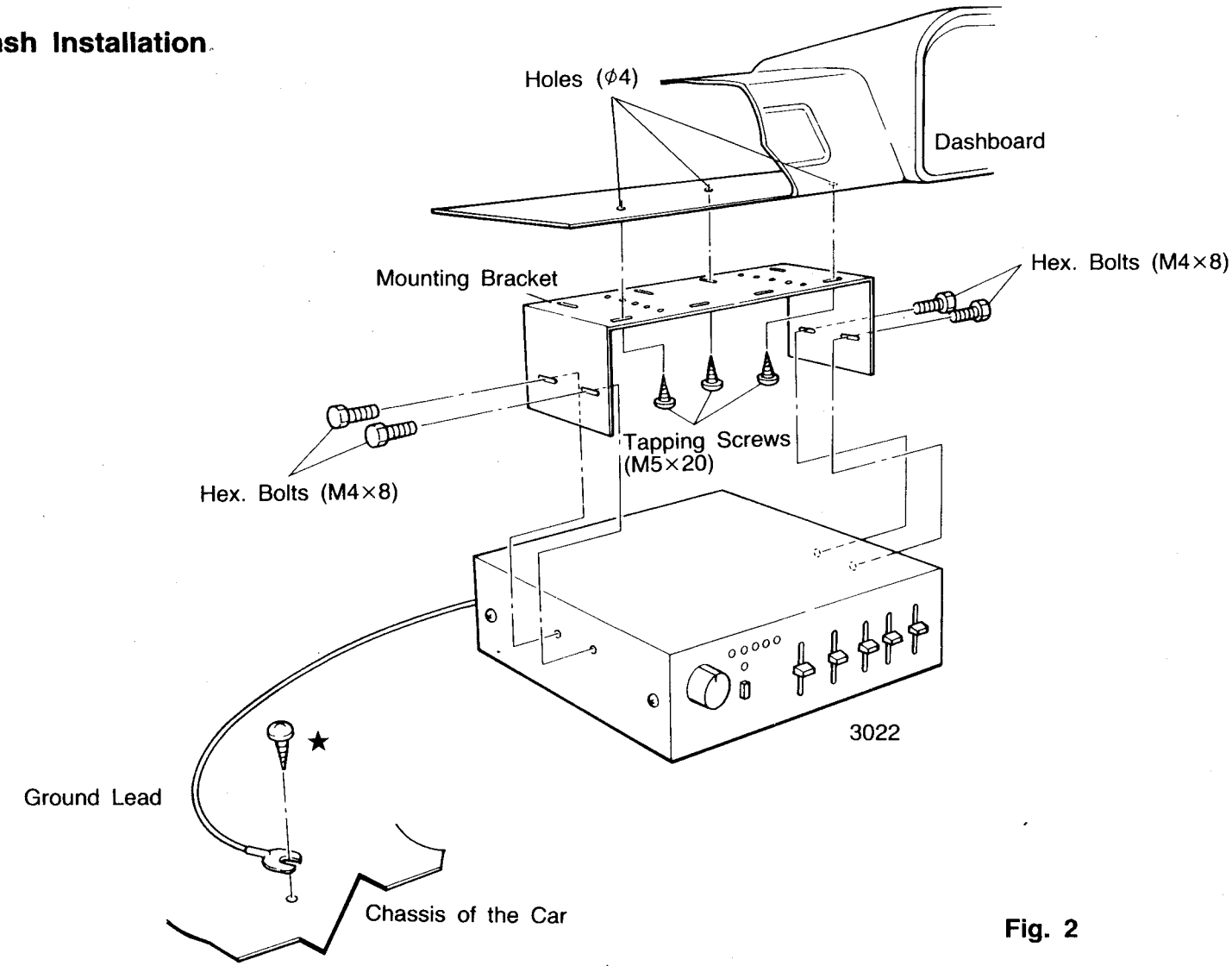


Fig. 2

NOTE: Before drilling the holes, make sure that there are no cords or obstacles.

- Use an already attached screw marked "★" on the chassis of the car to tighten the ground lead of the unit together with the ground lead of the radio or the tape player.

CONNECTIONS

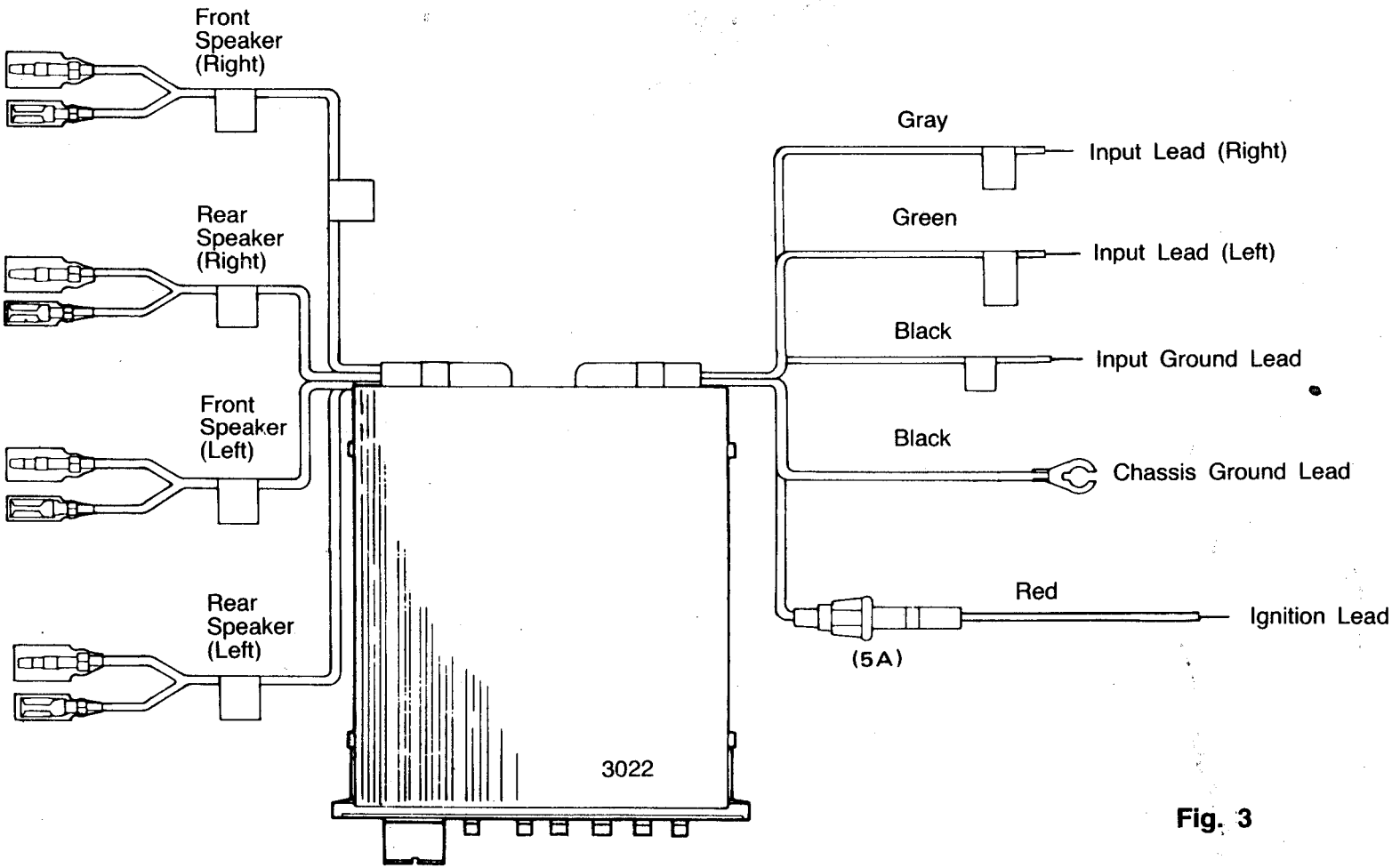


Fig. 3

- **Input Leads**

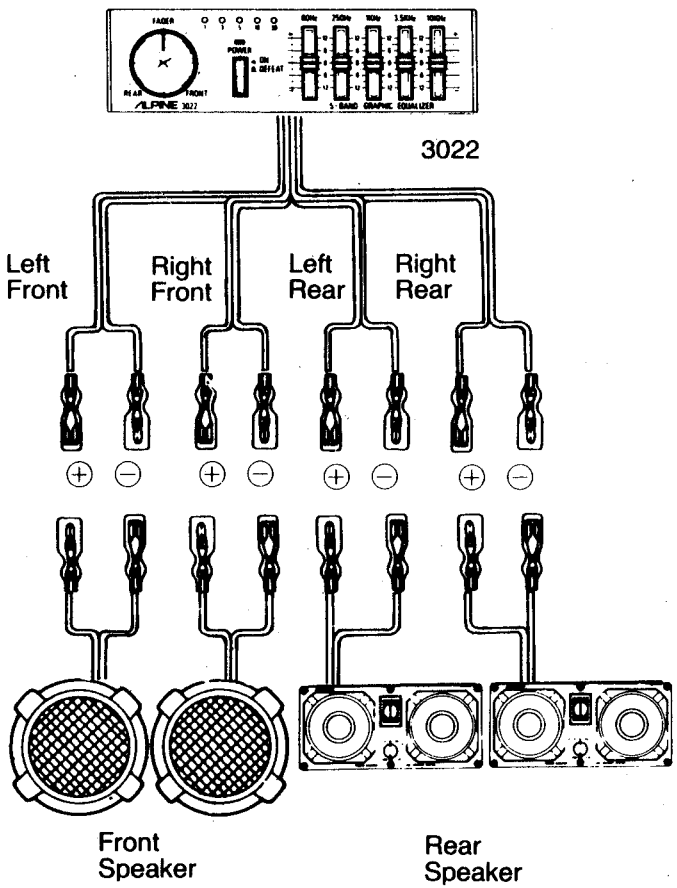
When connecting Model 3022 to the radio or the tape player, connect these leads to the speaker output leads of the radio or the tape player.

English

SPEAKER CONNECTIONS

English

4-Speaker System



2-Speaker System

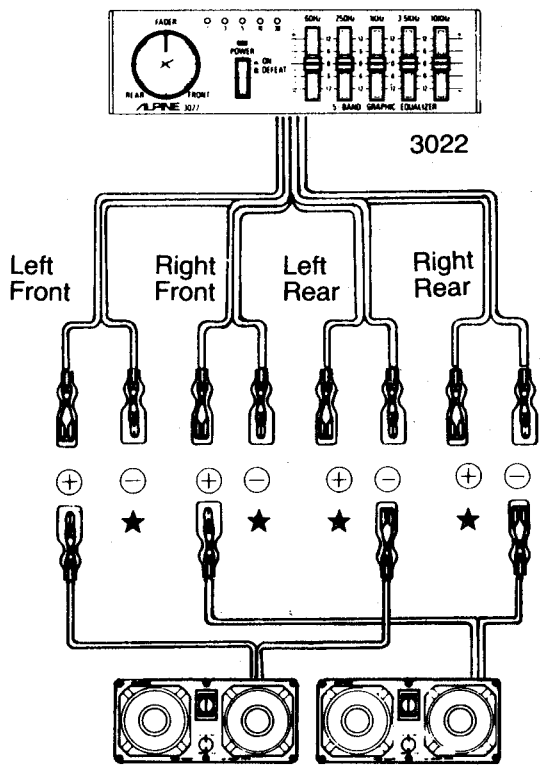


Fig. 4

The leads marked "★" are not to be connected.

- Output power comes through the speakers regardless of the FADER control position.

CAUTION

High-Power amplifier's Speaker Hookup

(1) Do not connect negative wires of L- and R-channel speakers to one common wire. (Fig. 5)
Connect wires as in Fig. 6.

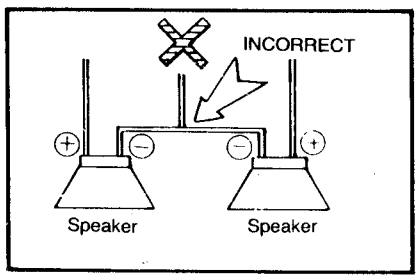


Fig. 5

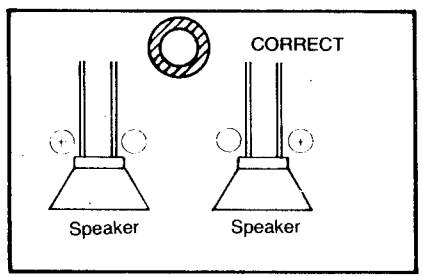


Fig. 6

(2) Never ground negative wires to chassis of the car. (Fig. 7)
Connect wires as in Fig. 8.

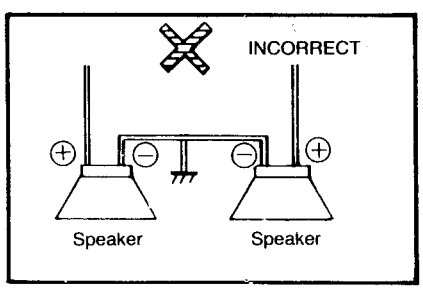


Fig. 7

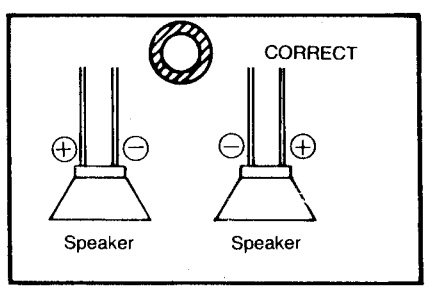


Fig. 8

OPERATION

1. The 3022's 20W+20W amplifier is activated to drive the speakers when the power switch is turned on (▬). When in the DEFEAT position (■), the 3022's amplifier is bypassed and the Radio/Tape Player's amplifier drives the speakers.
2. Adjust the EQUALIZER CONTROLS and the FADER CONTROL to suit your listening preference.

PRECAUTIONS

1. Use only speakers with sufficient power capabilities with this unit.
2. When replacing the fuses, be sure to replace the old fuse with one of proper rated amperage. Use of improper fuses can lead to serious damage to components. If the fuse(s) blow more than once, carefully check all electrical connections and have your car's voltage regulator checked. Do not attempt to repair the unit by yourself; instead, return the unit to your nearest Alpine Service Facility.
3. It is important that the radio or tape player be of high quality to take full advantage of the unit's high performance capabilities.
4. In order to ensure proper performance, be sure the temperature in your car is within the range 14°F (−10°C) to 140°F (60°C) before turning your player on. Good air circulation is essential, especially in hot weather, to prevent internal heat build-up in the unit.

English

SPECIFICATIONS

1. Graphic Equalizer

Frequency Response	20 to 20,000 Hz (−3 dB)
Total Harmonic Distortion	0.1%
Signal to Noise Ratio	70 dB (IHF-A)
Tone Control	Central Frequency (60, 250, 1,000, 3,500, 10,000 Hz) ±12dB for each
Input Sensitivity/Impedance	2.0V/100 ohms
Stereo Separation	55 dB
Equalizer Range	±12dB

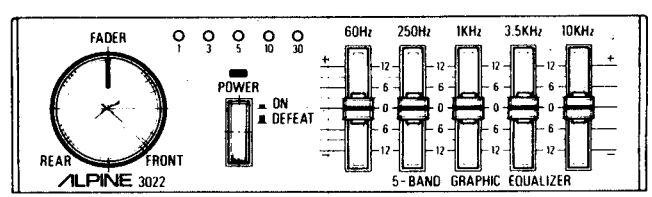
2. Amplifier

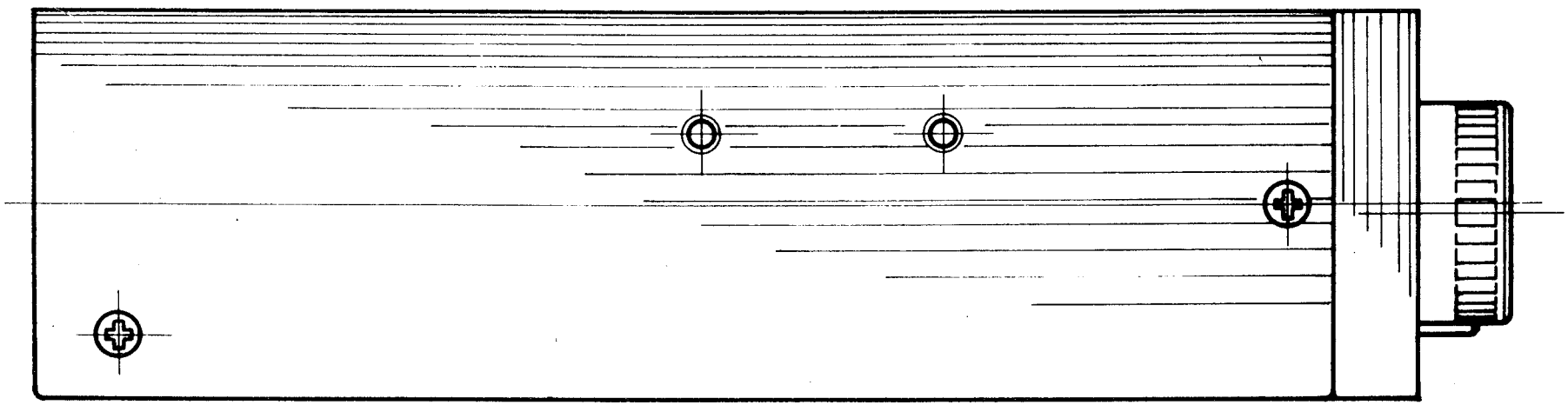
Output Impedance	4 ohms
Maximum Power Output	20W×2
Power Output	18W×2 Min. RMS. 4 ohms, both channels driven, 1 kHz at 8% THD.
Frequency Response	20 to 20,000 Hz (−3dB)
Circuit System	BTL

3. General

Power Requirement	DC 14V (11 to 16V allowable)
Ground System	Negative Ground
Power Consumption	Less than 3A (6W Output)
Dimensions (W×H×D)	150×42×149 mm
Weight	1.5 kg

NOTE: Due to continuing product improvement, specifications and design subject to possible modification without notice.





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